

Edwards (Coralliaires, vol. i. 217), founded on the *Pennatula phalloides* of Pallas (Misc. Zool. t. 13. f. 5, 6, 7, 8).

The second group of specimens were collected by Mr. Rayner in Sharks' Bay, Australia. They are three in number; they are softer and less contracted than the preceding; the pores on the surface are more distinct, and are furnished with more or less dark polypes, which are all expanded. The polypes in one specimen (which is in the most perfect condition) are all entirely of uniform black-brown colour. In one of the other specimens (also in good condition) the polypes are pale brown, with a broad black lower ring at the upper part of the tubular body, near the base of the arms. In the other specimen (which is imperfect) the polypes are all pale brown, like the coral.

In all the three specimens the polypes at the lower half of the club are further apart than they are at the tip; this is especially the case in the specimen which has the dark ring on the polypes, in which the polypes in the lower part of the club are very far apart and few in number, and appear as if placed in longitudinal lines. I should propose to call this species provisionally *Lituarina australis*.

MISCELLANEOUS.

On the Animal of Zonites excavatus, &c.

To the Editors of the Annals and Magazine of Natural History.

GENTLEMEN,—In the first volume of my work on 'British Conchology,' which contains an account of the Land and Freshwater Mollusca, *Zonites excavatus* is one of the very few species of which I could only give a meagre and unsatisfactory description of the animal. I am now fortunately enabled to supply this deficiency, having last week found and observed live specimens of the species in question near Tunbridge Wells; and this new locality will also be interesting to those who study the distribution of the British Mollusca.

Body slender, greyish white, with three or four raised lines along the neck: *mantle* closely covered with milk-white specks: *tentacles* diverging; upper pair rather long and cylindrical, coarsely granulated; lower pair short: *foot* thick, obtusely rounded in front, and gradually narrowing behind to an angular or keeled point. The slime is rather copious and iridescent.

In the same spot were *Zonites alliarius*, *Z. nitidulus*, *Z. purus*, *Z. radiatulus*, *Z. fulvus*, and *Helix rotundata*.

The pulsations of *Z. alliarius* varied within the space of ten minutes, having from 48 to 56 beats per minute.

I am, Gentlemen,

Yours faithfully,

J. GWYN JEFFREYS.

25 Devonshire Place, Portland Place,
June 4, 1862.